RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/525,273_
Source: _PU_
Date Processed by STIC: _3/14/06_

ENTERED

RAW SEQUENCE LISTING   DATE: 03/14/2006
PATENT APPLICATION: **US/10/525,273**   TIME: 10:59:16

     Input Set : **A:\211080023U2.txt**
     Output Set: **N:\CRF4\03142006\J525273.raw**

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 4 <110> APPLICANT: Maquat, Lynne E.
 7 <120> TITLE OF INVENTION: NONSENSE-MEDIATED MRNA DECAY
10 <130> FILE REFERENCE: 21108.0023U2
12 <140> CURRENT APPLICATION NUMBER: 10/525,273
13 <141> CURRENT FILING DATE: 2005-02-22
15 <150> PRIOR APPLICATION NUMBER: PCT/US03/26166
16 <151> PRIOR FILING DATE: 2003-08-21
18 <150> PRIOR APPLICATION NUMBER: 60/405,602
19 <151> PRIOR FILING DATE: 2002-08-22
21 <160> NUMBER OF SEQ ID NOS: 38
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 20
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
32       synthetic construct
34 <400> SEQUENCE: 1
35 gcctattggt ctattttccc                                              20
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 18
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
44       synthetic construct
46 <400> SEQUENCE: 2
47 cctgaagttc tcaggatc                                                18
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 32
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
56       synthetic construct
58 <400> SEQUENCE: 3
59 atctggcacc acaccttcta caatgagctg cg                                32
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 32
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
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67  <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
68        synthetic construct
70  <400> SEQUENCE: 4
71  cgtcatactc ctgcttgctg atccacatct gc                              32

73  <210> SEQ ID NO: 5
74  <211> LENGTH: 19
75  <212> TYPE: DNA
76  <213> ORGANISM: Artificial Sequence
78  <220> FEATURE:
79  <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
80        synthetic construct
82  <400> SEQUENCE: 5
83  tgcaaggagt ttcatcctg                                             19

85  <210> SEQ ID NO: 6
86  <211> LENGTH: 21
87  <212> TYPE: DNA
88  <213> ORGANISM: Artificial Sequence
90  <220> FEATURE:
91  <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
92        synthetic construct
94  <400> SEQUENCE: 6
95  agaatcagta gtttaacaca c                                          21

97  <210> SEQ ID NO: 7
98  <211> LENGTH: 22
99  <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
104       synthetic construct
106 <400> SEQUENCE: 7
107 tgagcatagt tattaatagc ag                                         22

109 <210> SEQ ID NO: 8
110 <211> LENGTH: 77
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
116       synthetic construct
118 <400> SEQUENCE: 8
119 gctagctcga gaccggtgcc accatggact acaaagacga tgacgacaag gcggaagggc   60
120 tggagcgtgt gcggatc                                               77

122 <210> SEQ ID NO: 9
123 <211> LENGTH: 43
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
129       synthetic construct
131 <400> SEQUENCE: 9
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135 <211> LENGTH: 18
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
141      synthetic construct
143 <400> SEQUENCE: 10
144 tgaccttcag cgcctcgg                                          18
146 <210> SEQ ID NO: 11
147 <211> LENGTH: 17
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
153      synthetic construct
155 <400> SEQUENCE: 11
156 ctccgagtcc ctctgcc                                           17
158 <210> SEQ ID NO: 12
159 <211> LENGTH: 19
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
165      synthetic construct
167 <400> SEQUENCE: 12
168 ggcaaaggct ctgagaagc                                         19
170 <210> SEQ ID NO: 13
171 <211> LENGTH: 17
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
177      synthetic construct
179 <400> SEQUENCE: 13
180 ccgaggtccc aaaggcg                                           17
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 39
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
189      synthetic construct
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194 <210> SEQ ID NO: 15
195 <211> LENGTH: 59
196 <212> TYPE: DNA
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207 <211> LENGTH: 48
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211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
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218 <210> SEQ ID NO: 17
219 <211> LENGTH: 21
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
225       synthetic construct
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228 gcugcagcag aacaggccat t                                                 21
230 <210> SEQ ID NO: 18
231 <211> LENGTH: 21
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
237       synthetic construct
239 <400> SEQUENCE: 18
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242 <210> SEQ ID NO: 19
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244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
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255 <211> LENGTH: 48
256 <212> TYPE: DNA
257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
261       synthetic construct
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263 <400> SEQUENCE: 20
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266 <210> SEQ ID NO: 21
267 <211> LENGTH: 59
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
273       synthetic construct
275 <400> SEQUENCE: 21
276 tacacaaagc aatgtccgtt gcatgccacg gtgtttcgtc ctttccacaa gatatataa   59
278 <210> SEQ ID NO: 22
279 <211> LENGTH: 48
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
285       synthetic construct
287 <400> SEQUENCE: 22
288 cgaaatctag aaaaaagtgg catgcaacgg acattgccta cacaaagc          48
290 <210> SEQ ID NO: 23
291 <211> LENGTH: 59
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
297       synthetic construct
299 <400> SEQUENCE: 23
300 tacacaaagt tcagaggctg tgtcataacg gtgtttcgtc ctttccacaa gatatataa   59
302 <210> SEQ ID NO: 24
303 <211> LENGTH: 48
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
309       synthetic construct
311 <400> SEQUENCE: 24
312 cgaaatctag aaaaaagtta tgacacagcc tctgaaccta cacaaagt          48
314 <210> SEQ ID NO: 25
315 <211> LENGTH: 59
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Description of Artificial Sequence:/note =
321       synthetic construct
323 <400> SEQUENCE: 25
324 tacacaaacc aaggcacttg ttggcagtcg gtgtttcgtc ctttccacaa gatatataa   59
326 <210> SEQ ID NO: 26
327 <211> LENGTH: 48
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VERIFICATION SUMMARY
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